PATENT

Practitioner's Docket No. 51152-2 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Andrew J. COBLEY, Mark J. KAPECKAS, Erik REDDINGTON and

Wade SONNENBERG

WARNING: 37 CFR 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title): PLATING BATH AND METHOD FOR DEPOSITING A METAL LAYER ON A SUBSTRATE

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date <u>November 24, 2003</u>, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EV342619040US</u>, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Deanna M. Rivernider
(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

1. Type of Application

This new application is for a(n)

37 CFR 1.78(a)(1).

		(check one applicable item below)
	[]	Original (nonprovisional)
	[]	Design
	[]	Plant
WARNI	NG:	Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
WARNI	NG:	Do not use this transmittal for the filing of a provisional application.
NOTE:	TRANSM	the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION AITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT ATION OF THE FILING OF THIS CONTINUATION APPLICATION.
	[X]	Divisional.
	[]	Continuation.
	[]	Continuation-in-part (C-I-P).
2.	Benefi	t of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)
applications or copending internonprovisional application to content international application designate least one inventor named in claimed in at least one claim of		covisional application may claim an invention disclosed in one or more prior filed copending nonprovisional ions or copending international applications designating the United States of America. In order for a isional application to claim the benefit of a prior filed copending nonprovisional application or copending onal application designating the United States of America, each prior application must name as an inventor one inventor named in the later filed nonprovisional application and disclose the named inventor's invention in at least one claim of the later filed nonprovisional application in the manner provided by the first oth of 35 U.S.C. 112. Each prior application must also be:
		(i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
		(ii) Complete as set forth in § 1.51(b); or
		(iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

set forth in § 1.21(1) within the time period set forth in § 1.53(f).

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee

WARNING:

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING:

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

A.	Required for Filing Date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design) Application							
	23	Pages of Specification						
	10	Pages of Claims						
	2	Sheets of Drawing						

[X]	Formal
[]	Informa

B. Other Papers Enclosed

1	Pages	of Abstract
	Other	

WARNING:

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and nonshiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988 . . . (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page." 37 C.F.R. 1.84(c)).

(complete the following, if applicable)

[] The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

4.	Additional Papers Enclosed							
	[X] [] [] [] []	 [] Information Disclosure Statement (37 C.F.R. 1.98) [] Form PTO-1449 [] Citations [] Declaration of Biological Deposit [] Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence. [] Authorization of Attorney(s) to Accept and Follow Instructions from Representative [] Special Comments 						
5.		ration o						
NOTE:	nonprov the inve executed is submi inventor that dec under §	visional ap ntors nan d declarat itted. The rs of the a laration r 1.47 has	declaration is not required in a continuation or divisional application provided the prior pplication contained a declaration as required, the application being filed is by all or fewer than all ned in the prior application, there is no new matter in the application being filed, and a copy of the tion filed in the prior application (showing the signature or an indication thereon that it was signed) copy must be accompanied by a statement requesting deletion of the names of person(s) who are not application being filed. If the declaration in the prior application was filed under § 1.47 then a copy of the filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person subsequently joined in a prior application, then a copy of the subsequently executed declaration must FR 1.63(d).					
NOTE:	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor and state whether the inventor is a sole or joint inventor. 37 CFR 1.63(a)(1)-(4).							
	[X]	Enclo	sed (copy as filed with parent application)					
		[X] []	(check all applicable boxes) inventor(s). legal representative of inventor(s). 37 CFR 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. [] This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.					
	[]	Not E	nclosed.					
NOTE:	applicat continu	tion conta ation or c	is a completion in the U.S. of an International Application, or where the completion of the U.S. tins subject matter in addition to the International Application, the application may be treated as a continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.					
		[]	Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of all the above named inventor(s).					

(Th	e declara	ation or oat	i, along with the surcharge required by 37 CFR 1.16(e), can be filed subsequently).				
NOTE:	It is important that all the correct inventor(s) are named for filing under 37 CFR 1.41(c) and 1.53(b).						
		[Showing that the filing is authorized. (not required unless called into question. 37 CFR 1.41(d))				
6.	Invent	orship Sta	tement				
WARNII	NG:		l inventors are each not the inventors of all the claims an explanation, including the ownership us claims at the time the last claimed invention was made, should be submitted.				
The inv	entorsh	ip for all t	ne claims in this application are:				
	[]	The same					
	[]	the last c	or ame. An explanation, including the ownership of the various claims at the time aimed invention was made, submitted. rill be submitted.				
7.	Langu	age					
NOTE:	translati	on of the noi	ing a signed oath or declaration may be filed in a language other than English. An English -English language application and the processing fee of \$130.00 required by 37 CFR 1.17(k) is ith the application, or within such time as may be set by the Office. 37 CFR 1.52(d).				
	[X] []	English Non-Eng	ish				
			he attached translation includes a statement that the translation is accurate. 37 .F.R. 1.52(d).				
8.	Assign	ment					
	[X]		ment of the invention to Shipley Company, L.L.C. of Marlborough, Massachusetts				
		N	attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCU- IENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM TO 1595 is also attached.				
			ras filed in the parent application (copy enclosed) rill follow.				
NOTE:			ubmitted with a new application, send two separate letters-one for the application and one for see of May 4, 1990 (1114 O.G. 77-78).				
WARNING:		A newly executed "STATEMENT UNDER 37 CFR 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.					

9. Certified Copy

[]

from

Certified copy(ies) of application(s)

<u>Cour</u>	ntry_	Appln. No.	Filed	
which p	riority is claime	ed		
[]	is enclosed. was filed.			

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 CFR 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

10. Fee Calculation (37 C.F.R. 1.16)

will follow.

A. [X] Regular application

CLAIMS AS F	ILED				
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$770.00
Total Claims (37 CFR 1.16(c))	13	- 20 =	0	x \$ 18.00	\$0
Independent Claims (37 CFR 1.16(b))	1	- 3 =	0	x \$86.00	\$0
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$290.00	\$0

[]	Amendment canceling extra claims is enclosed.
[]	Amendment deleting multiple-dependencies is enclosed.
[]	Fee for extra claims is not being paid at this time.

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 CFR 1.16(d).

Filing Fee Calculation	\$770.00

	В.	[]		applicat 00—37 C		6(f))					
						Filing Fee	Calculation	on	\$		
	C.	[]		pplicatio 00—37 C			: Calculatio	on	\$		
11.	Small	Entity S	Stateme	nt(s)							
	[]	Stateme		nat this is	a filin	g by a sm	all entity 1	under 37	CFR 1.9	and 1.27	is (are)
WARNI	NG:	"Status as a small entity must be specifically established in each application or patent in which available and desired. Status as a small entity in one application or patent does not affect any other or patent, including applications or patents which are directly or indirectly dependent upon the appatent in which the status has been established. The refiling of an application under § 1.53 as a division, or continuation-in-part (including a continued prosecution application under § 1.53(d)), or a reissue application requires a new determination as to continued entitlement to small entity statement go reissue application. A nonprovisional application claiming benefit under 35 U.S.C. 121, or 365(c) of a prior application, or a reissue application may rely on a statement filed application or in the patent if the nonprovisional application or the reissue application includes a the statement in the prior application or in the patent or includes a copy of the statement in the prior or in the patent and status as a small entity is still proper and desired. The payment of the small statutory filing fee will be treated as such a reference for purposes of this section." 37 CFR 1.28(a)(.)								t any other apport the application of the applicati	plication or cation or inuation, e filing of is for the P(e), 120, the prior erence to pplication
		(complete the following, if applicable)									
	[]	Status a	as a sma	ll entity v		med in prio			0 4:	•••	_, filed
					_ from '	which bene	tit is being	claimed	for this app	plication ur	ider:
		35 U.S.	.C. §	[]	119(e), 120, 121, 365(c),						
		and which status as a small entity is still proper and desired.									
		[] Filing I				in the prior A, B or C a			ided.	_	
NOTE:										uest are filed 136. 37 CFR 1	
12.	Reques	st for In	ternatio	nal-Typ		h (37 C.F.R ete, if appli					
	[]					-type searc	-	or this ap	oplication	at the time	e when

Fee Payment Being Made at This Time

[]		Not Enclosed								
		[] No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)								
	[X]	Enclose	ed							
		[X]	Filing fee	\$_770.00						
		[]	Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$						
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i))	\$						
		[]	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. 1.52(d) and 1.17(k))	\$						
		[]	Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l))	\$						
		[]	Fee for international-type search report (\$40.00; 37 C.F.R. 1.21(e))	\$						
NOTE:	application	on pursuan obtain the	ablishes a fee for processing and retaining any application that is abance to to 37 CFR 1.53(f) and this, as well as the changes to 37 CFR 1.53 benefit of a prior U.S. application, either the basic filing fee must be 11(l) must be paid, within 1 year from notification under § 53(f).	and 1.78(a)(1), indicate that in						
			Total Fees Enclosed	\$_770.00						
14.	Metho	d of Pay	ment of Fees							
	[X]	Check i	in the amount of \$_770.00							
	[]	_	Account No in the amount of \$ cate of this transmittal is attached.	<u> -</u>						
15.	Author	ization 1	to Charge Additional Fees							
WARNI	NG:	If no fees	are to be paid on filing, the following items should <u>not</u> be completed.							
WARNI	NG:		ly count claims, especially multiple dependent claims, to avoid unexpec are authorized.	cted high charges, if extra clain						
	[X]		ommissioner is hereby authorized to charge the following during the entire pendency of this application to Accou	•						

- [X] 37 C.F.R. 1.16(a), (f) or (g) (filing fees)
- [X] 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- [X] 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- [X] 37 CFR 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a).
- [X] 37 C.F.R. 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 CFR 1.136(a)(3).

- [] 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 CFR 1.311(b)).

NOTE: 37 CFR 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . issue fee." From the wording of 37 CFR 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

16. Instructions as to Overpayment

Credit Account No.

[X]

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 CFR 1.26(a).

04-1105

[] Refund	Jala Iskorba	
	SIGNATURE OF PRACTITIONER	_
Reg. No. 35,647	John J. Piskorski (type or print name of practitioner)	_
Tel. No.: (508) 229-7662	c/o EDWARDS & ANGELL, LLP P.O. Box 9169 P.O. Address	_
Customer No.:	Boston, MA 02209	_

[X]	Incor	poration by reference of added pages	
	applio divisio APPL	(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)	
	[X]	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed	
		Number of pages added5	
	[X]	Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added1	
		Trained of pages added	
	[]	Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.	
		Number of pages added	
	[]	Plus "Assignment Cover Letter Accompanying New Application"	
		Number of pages added	

[] Statement Where No Further Pages Added

(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)

[] This transmittal ends with this page.

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE

B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 $C.F.R. \S 1.78(a)(2).$

[X]	"This application is a		
	[] continuation		
	[] continuation-in-part		
	[X] divisional		
of c	opending application(s)		
[X]	application number 09/970,348 filed or	n October 2, 200	1
[]	International Applicationdesignated the U.S."	filed on	and which
NOTE:	The proper reference to a prior filed PCT application that enter the filing date of the PCT application that designated the U.S.	red the U.S. national pha	se is the U.S. serial number and
NOTE:	(1) Where the application being transmitted adds subject matter a continuation-in-part or (2) if it is desired to do so for other reas	••	• •
NOTE:	The deadline for entering the national phase in the U.S. for an April 28, 1987 (1079 O.G. 32 to 46) as follows:	n international applicatio	on was clarified in the Notice of
	"The Patent and Trademark Office considers the International priority date if the United States has been designated and no Der filed prior to the expiration of the 19th month from the priority Demand for International Preliminary Examination which electe expiration of the 19th month from the priority date, provided communicated to the Patent and Trademark Office within the international application has not been communicated to the P period respectively, the international application becomes aban priority date respectively. These periods have been placed in the 1.495. A continuing application under 35 U.S.C. 365(c) and international application."	mand for International Pr date and until the 32nd i of the United States of An I that a copy of the inte 20 or 30 month period atent and Trademark Of doned as to the United S rules as paragraph (h) o	reliminary Examination has been month from the priority date if a nerica has been filed prior to the ernational application has been d respectively. If a copy of the fice within the 20 or 30 month States 20 or 30 months from the ff § 1.494 and paragraph (i) of §
[]	"The nonprovisional application designated above, no filed, filed,		_, claims the benefit of
	U.S. Provisional Application(s) No(s).:		
APPLI	CATION NO(S).:		FILING DATE
			"
·	_/		"
			
[]	Where more than one reference is made above please	combine all referen	ces into one sentence

18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

Country	Appln.	no.	Filed
The	certified copy(ies) has (have)		
[]	been filed on, in j	prior application	, which was filed on
[]	is (are) attached.		
WARNING	Bureau may not be relied on without an application. This is so because the cer Bureau is placed in a folder and is not folders are disposed of if the national st needed later in the prosecution of a cont documents from the folders and transfer, retrieve the folders, make suital such copies in the Continuing Application.	ny need to file a certified copy tified copy of the priority app the sassigned a U.S. serial number age is not entered. Therefore, inuing application. An alternativer them to the continuing apple record notations, transfer thation are substantial. According	mmunicated to the PTO by the International of the priority application in the continuing plication communicated by the International er unless the national stage is entered. Such such certified copies may not be available if tive would be to physically remove the priority plication. The resources required to request the certified copies, enter and make a record of lingly, the priority documents in folders of ay not be relied on. Notice of April 28, 1987
19. Mai	ntenance of Copendency of Prior A	pplication	
	The PTO finds it useful if a copy of the petition he papers constituting the filing of the continu		n extending the term for response is filed with ovember 5, 1985 (1060 O.G. 27).
A. [] Extension of time in prior applica	ition	
(This ite		rs filed in the prior appli plication has run.)	ication, if the period set in the prior
[] A petition, fee and response exter	nds the term in the pendir	ng prior application until
	[] A copy of the petition filed in	n prior application is attac	ched.
В. [] Conditional Petition for Extensio	n of Time in Prior Applic	eation
	(complete this ite	m, if previous item not ap	pplicable)
(] A conditional petition for extensi	on of time is being filed i	n the pending prior application.
	[] A copy of the conditional per	ition filed in the prior app	plication is attached.

20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	[]	This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are
		[] the same.
		[] less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:
		(type name(s) of inventor(s) to be deleted)
(b)	[]	This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are
		[] the same.
		[] the following additional inventor(s) have been added:
		(type name(s) of inventor(s) to be deleted)
(c)	[]	The inventorship for all the claims in this application are
		[] the same.
		[] not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
		[] is submitted.
		[] will be submitted.
21. /	Aban	donment of Prior Application (if applicable)
[[]	Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.
NOTE	E: Ac	ecording to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part

application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.

22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

WARNII	NG: "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b).
NOTE:	Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary.
	(check the next item, if applicable)
[]	There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)
23. Sm	all Entity (37 CFR § 1.28(a))
[]	Applicant has established small entity status by the filing of a statement in parent application No.
	[] A copy of the statement previously filed is included.
WARNIN	NG: See 37 CFR § 1.28(a).
24. NO	TIFICATION IN PARENT APPLICATION OF THIS FILING
[]	A notification of the filing of this (check one of the following)
	[] continuation [] continuation-in-part [] divisional
ic haina	tiled in the parent application, from which this application claims priority under 25 H.S.C. § 120

is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.